

STATE OF MICHIGAN



JOHN ENGLER, Governor

DEPARTMENT OF NATURAL RESOURCES

STEVENS T. MASON BUILDING
P.O. BOX 30028
LANSING, MI 48909

DAVID F. HALES, Director

NATURAL RESOURCES COMMISSION

MARLENE J. FLUHARTY
GORDON E. GUYER
O. STEWART MYERS
RAYMOND POURPRE

RECEIVED
APR 25 1991

TECHNICAL SUPPORT
SECTION

US EPA RECORDS CENTER REGION 5



471328

April 18, 1991

Mr. Paul Rogers, TUB-7
Superfund Program Management
Technical Support Section
Responsible Party Unit
US EPA, Region V
111 W. Jackson Boulevard
Chicago, IL. 60604

Dear Mr. Rogers:

Attached, please find the documents related to the Albion-Sheridan landfill that I found during my recent file search at the Jackson District Office.

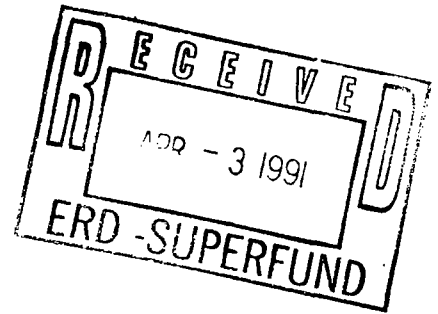
I hope that these documents will assist you in your PRP search. If you need any additional assistance, please call me.

Sincerely,

Gene L. Hall
Environmental Quality Analyst
Superfund Section
Environmental Response Division
517-373-6808

cc: Ms. Claudia Kerbawy, MDNR,
Ms. Kate Parling, MDNR,

*Mr Graw Edison
Albion*



December 2, 1969

Mr. Chester Harvey
District Engineer
Water Resources Commission
State of Michigan
4056 Plainfield, N. E.
Grand Rapids, Michigan 49505

Dear Mr. Harvey:

In reply to your letter of November 4, 1969, to our Mr. M. F. Beisber; and Mr. James L. Pope's report of October 30, 1969, I would like to state that we have investigated the report that our plant may be discharging chromates and phosphates by means of our waste flow into the local storm sewers.

As a result of your report, our investigation has shown that we can avoid such discharge and, effective November 22, 1969, we have discontinued the discharge of chromates and phosphates into our waste flow.

This should, therefore, correct the situation which you called to our attention.

Very truly yours,

ALBION DIVISION

John Henning
John Henning
Vice-President

JH/t
cc Mr. Pope

*Pope - visited 1/14/70 - nothing new other than
barreling tank purges and hauling to dump*

GENERATOR WASTE ANALYSIS FORM

LOG NO. 1017WASTE GENERATOR GENERATOR NO. G 00406Name: UNION STEEL PRODUCTS CO.Address: 500 North Berrien St.City: Albion, Michigan Tel: 517/629-2181

Person verifying waste contents

(Attach lab analysis if available) *this is not the contact person for generator*Name: Robert E. DininnyPhone 629-5511 ext. 252 Date: 6-13-80

Signature: _____

Albion College Chem. Dept.

WASTE HAULER *HAULER NO. _____

Co. Name: Union Steel Products Co.Address: 500 N. Berrien St.City: Albion, Mich Tel: 517/629-2181

Hauled by our own truck

DISPOSAL METHOD & FACILITY TO BE USED

☐ Incineration ☐ Landfill ☒ Reclaimed

Other: _____

Facility No: _____

Name: Allied Metal Corp.Address: 320 E. Seven MileCity: Detroit Tel: _____

DEFINE MATERIAL

☐ No Flammable: N/A Flash Point☒ Yes Sludge: 92 % Solid☐ No Odor ☐ No Chemically Active ☐ No ToxicN/A Liquid 100% Solid N/A % GasN.A. Volatility (if greater than acetone)☒ Yes Corrosive ☐ No Irritant N/A pH☒ Yes Leachate extraction (attached) ☐ No Infectious☐ No Explosive N/A OtherGENERAL DESCRIPTION OF WASTE AND
PROCESS GENERATING WASTEMixture of Zn metal, zinc chloride & zinc oxide.Dross from hot dip galvanize process.

VOLUME OF WASTE MATERIAL

Gallons or 41,000# Cubic-Yards-Per:Week _____ Month _____ Year ☒ Only hauled onceIDENTIFY MAJOR COMPONENTS: 1% (10,000 mg/kg)
OR GREATER OF WASTE CONTENT

Compound or Element	Concentration(%)
Moisture	<u>8.2</u>
Zinc	<u>85.5</u>
Chloride	<u>5.6</u>

MINOR COMPONENTS (Concentration) in mg/kg,
mg/l, or ppm, OF WASTE CONTENT (Element
and/or Compound)

INORGANIC METALS:

1. -0- Lead 5. -0- Beryllium
 2. see majors above Zinc 6. -0- Cadmium
 3. -0- Nickel 7. -0- Chromium
 4. -0- Copper 8. -0- Mercury

INORGANIC NON-METALS:

9. see majors above Chlorine 12. -0- Phosphorus
 10. -0- Bromine 13. -0- Sulfur
 11. -0- Arsenic 14. -0- Cyanide
 15. N.A. % Noncombustable Ash

DOES THE WASTE MATERIAL CONTAIN ANY
OF THE FOLLOWING?

Class of Compound	YES	NO
16. Halogenated aromatics (e.g. PCB, PBB)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17. Other Halogenated organics	<input type="checkbox"/>	<input checked="" type="checkbox"/>
18. Aromatic Amines	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19. Pesticides	<input type="checkbox"/>	<input checked="" type="checkbox"/>
20. Aromatic Ureas or Thioureas	<input type="checkbox"/>	<input checked="" type="checkbox"/>
21. Cyclic Nitrogen (toxic) (e.g. Pyridine)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
22. Phenols, to include nitro & halogenated phenols & salt	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23. Quinones	<input type="checkbox"/>	<input checked="" type="checkbox"/>
24. Phosphorus containing compounds	<input type="checkbox"/>	<input checked="" type="checkbox"/>
25. Polycyclic organics	<input type="checkbox"/>	<input checked="" type="checkbox"/>
26. Asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>
27. Any other materials listed on Mich. Critical Materials Reg.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

NOTE: State what methods were utilized to
derive the data for major and minor
compounds (Analysis, Materials
Balance, etc.) See attached sheetINDICATE THE SPECIFIC NAME AND CONCENTRATION
FOR THE COMPOUND(S) IN EACH CLASS LISTED
ABOVE (16 - 27) THAT HAVE A CONCENTRATION
LESS THAN 1%.

Compound	Concentration (mg/kg)
----------	--------------------------

None

1017

(generator) are not required to complete and submit this Generator Waste Analysis Form to the Michigan Department of Natural Resources (MDNR) if:

- a) A, B and C (below) are all marked yes, and if;
- b) You (generator), your proposed hauler and disposal facility have: met all environmental requirements, received all necessary licenses (license addendums required for Act 136 Licenses), permits and approvals pursuant to applicable state and federal statutes.

YES NO

- ☒ ☐ A. HAVE YOU PRODUCED THIS WASTE PRIOR TO JAN. 1, 1980?
- ☒ ☐ B. HAVE YOU USED THIS HAULER FOR THIS WASTE PRIOR TO JAN. 1, 1980?
PREVIOUS HAULER: _____
- ☒ ☐ C. HAVE YOU USED THIS DISPOSAL FACILITY FOR THIS WASTE PRIOR TO JAN. 1, 1980?
PREVIOUS DISPOSAL FACILITY: _____
- ☐ ☐ D. -DO YOU DECLARE THIS WASTE HAZARDOUS ACCORDING TO P.A. 64, MICHIGAN'S HAZARDOUS WASTE ACT? (For information on Act 64, contact Office of Hazardous Waste Management 517/373-2730.)

INSTRUCTIONS FOR WASTE ANALYSIS FORM

1. Please return all Generator Waste Analysis Forms to:
Department of Natural Resources; Office of Hazardous Waste Management
P.O. Box 30038; Lansing, Michigan 48909
2. This form must be completely filled out. All spaces should be filled in if applicable or completed with a N/A (not applicable).
3. No substitute forms will be accepted. Additional Laboratory Analysis may be used to supplement the form, if available.
- *4. Please attach additional sheets to this form, if more space is necessary. Please identify any additional sheets with the name of the waste generator. *(An example is when the generator wants to request more than one hauler on one form.)
5. Indicate your ranges of waste variability using "+ percentage of amount indicated". Whenever wastes do not conform to specifications outlined on this form a revised form must be submitted.
6. Under Michigan's Act 64, P.A. of 1979, the generator is responsible for its hazardous waste until receipt of a certificate of disposal. Therefore, if the information submitted on this form is incomplete or inadequate, the DNR will contact the generator of the waste to obtain a completed form.
7. When approved, the activity described on this form will be added to the proposed hauler's Liquid Industrial Waste Hauler License as an addendum, if applicable.
8. For information regarding waste management, contact the following:
Incineration - Air Quality Division: (517) 322-1339
Landfilling - Resource Recovery Division: (517) 322-1315
Other Disposal/Treatment - Water Quality Division, Oil & Hazardous Materials Control Section: (517) 373-2794

To the best of my knowledge, the Waste Analysis and the above information is accurate and complete.

RECEIVED

JUN 19 1980

ACT 64

Signature of Generator

Date

TO: WQD file

FROM: Roger Jones
Asst T, WQD

SUBJECT:

Union Steel Products Co., Albion, Mi

OUR JOB NO.

DATE OF MEMO

7/8/80

MESSAGE

On 6/18/80 staff spoke with Randy Senger, R.R. Div.
He said that he advised the company to take
their metallic sludges to Wayne disposal
rather than Woodland Meadows.

SENDER — DO NOT WRITE BELOW THIS LINE

SIGNED

Roger Jones

REPLY

SIGNED

DATE

FOLLOW-UP

SENDER — Retain part 2 for your follow-up, send parts 1 and 3 to addressee
RECIPIENT — Retain part 1 and return part 3

MICHIGAN WATER RESOURCES COMMISSION

FACILITY INSPECTION REPORT

FACILITY EAGLE PITCHER INDUSTRIES INC UNION STEEL PRODUCTS DIV. 500 N. BERRIEN STREET ALBION MI 49224	REGION	DISTR.	FACILITY	PERMIT	RATING
	2	2	104	130017	MI0002968
	LAST VISIT				
	TYPE	DESCRIPTION	DATE	REASON	
	1	ENFORCEMENT	04 / 79	C	
VISIT REASONS A - REGULAR SCHEDULE B - EFFLUENT FAILURE C - COMPLIANCE FAILURE D - REGION REQUEST E - FACILITY REQUEST F - PUBLIC COMPLAINT G - INFORMATION CHANGES H - OTHER	OPERATOR - NUMBER		CERTIFIED		
	LUTZKE THEODORE C		MI000237		
	CURRENT VISIT				
	REASON	DATE	FOLLOW-UP DATE	NO. OF VISITS	
4	2 9 8 0		0 1		

FACILITY CLASSIFICATION: A2A A2F B1B B2A B3A
 OPERATOR CLASSIFICATION: B3A

OUTFALL NUMBERS AND DESCRIPTIONS

130037	001	PRIOR TO DISCHG. KALAMAZOO R. VIA STORM
130130	000	BATCH DISCHARGE-CHROMIUM PROCESS
130156	000	BATCH DISCHARGE - CYANIDE PROCESS
130189	002	NONCONTACT COOL H2O TO KALAMAZOO RIVER

Staff visited the plant to meet the new manufacturing mgr., Fred Saporasi. Staff also spoke with Ted Lutzke certifier. A wastewater survey was being conducted at the plant during this visit.

go to Wayne disposal now per R. Senger 6/18

Woodland Meadows a Waste Mgt Co site

Information: Waste Management West of Wayne, Mich. hauls sludge for the company. The cost is \$500.00 for a 12 cu yd. gondola. One gondola is filled weekly and the sludge taken to Woodland Meadows landfill in Wayne Co. Waste Management West has a one year contract (minimum) with Co.

INSPECTED BY: Robert Jones

ANY CHANGES REQUIRED IN WISER FILE

RECEIVED

INTEROFFICE COMMUNICATION

AUG 5 1977

July 27, 1977

DISTRICT 3
WATER QUALITY DIV.

TO: Robert J. Courchaine, Chief, Water Quality Division

FROM: William G. Turney, Chief, Bureau of Environmental Protection

SUBJECT: Plugging of Oil and Gas Wells With Sludges

File Union Steel Products - Albion

After getting your note with the attached memo from Karl Zollner dealing with Union Steel Products Company's practice of allowing cyanide and chromium sludges to be used for plugging dry gas and oil wells in the Albion area, I contacted Art Slaughter who indicated no knowledge of this practice. After he checked with Sam Alguire he called me back to confirm that the practice apparently has taken place over a period of ten years or so and that he would issue instructions to the field supervisors to immediately terminate approval of the use of industrial sludges in any part of the plugging operation.

I then suggested to Art that they begin a survey of the records to determine how many wells might have been plugged using these materials and that based upon the file information we could cooperatively begin a systematic investigation to find out if the sludges were used as fillers in any fresh water zones.

The problem may not be as frightening as one would first think because Art reminded me that if the sludges had been used to fill in the fresh water zone there would be protection of the groundwater by ~~both~~ the outer casing which is cemented in place throughout the fresh water zone. Still, it may be necessary to remove sludges if they are found in the fresh water zone.

If we have not already done so, we should notify Union Steel Products Company and other companies producing metallic sludges that under no circumstances should they allow those materials to be used for the filling of abandoned oil or gas wells.

MS

cc: Dr. Tody
Mr. Slaughter
Mr. Bails

RECEIVED

JUN 24 1977

DISTRICT 3
WATER QUALITY DIV.

June 21, 1977

TO: Wayne Denniston

FROM: Karl Zollner, Jr.

SUBJECT: Union Steel Products Company, Division of Eagle Pitcher Industries

The Point Source Studies Unit during a recent industrial wastewater survey discovered that cyanide and chromium sludges from this company have been used to plug dry oil or gas wells in the Albion area. Sam Alquire of Geology Division in a May 19, 1977 response to questions raised by our Division states that this practice has gone on for a number of years and many wells have been filled in this manner. He also indicates that it is possible that these materials may have been used to fill to the surface.

Our District staff feels, and we strongly agree, that this practice must be immediately stopped to protect against possible groundwater contamination.

We would ask you to communicate this matter to Mr. Courchaine and have him write to Mr. Slaughter, Chief of the Geology Division. We feel a memorandum from Mr. Courchaine to Mr. Slaughter would have more chance of getting this unsatisfactory practice stopped and my writing to Mr. Alquire.

lah

cc: Chester Harvey ✓
Rich Christensen

Roger

May 11, 1977

CERTIFIED MAIL

Mr. George Matthews
Union Steel Products Co.
Division Eagle Picher Industries
500 N. Berrien St.
Albion, MI 49224

Gentlemen:

Staff investigations have shown that a licensed liquid industrial waste hauler doing business as Seilar Tank Truck Service, Inc. removed treated chrome and cyanide sludge from your facility.

Section 3a of Act 136, Public Acts of 1969, requires that every person who engages or contracts with any other person to remove liquid wastes from his premises, shall maintain detailed records of all such waste removals effectuated on forms provided by the Commission, and shall submit such information in such detail and with such frequency as the Commission may require.

Enclosed is a copy of Act 136 and the required waste removal record forms. The forms are to be submitted by the 10th of each month for the previous months waste removals. The address is Michigan Department of Natural Resources, Oil & Hazardous Materials Control Section, P.O. Box 30028, Lansing, Michigan 48909.

Failure to comply will initiate enforcement action by this office.

If you have any questions relative to this matter feel free to contact Tomas Leep at (517) 373-1947.

Very truly yours,

WATER QUALITY DIVISION

David M. Dennis, Chief
Oil & Hazardous Materials Control
Section

DMD:TL:sh
cc: Przybysz ✓

Point Source Studies
Inspection Sheet
Survey Date MARCH 9, 76
Survey By M. YUSUF

Plant Name UNION STEEL PRODUCTS Co., DIV. OF EAGLE-PICHER IND., INC.
Location ALBION PLANT No. 1.

Personnel Contacted THEODORE C. LETZKE - PLATING FOREMAN
RAY MARSHALL - PROPERTY SUPERVISOR.

Items to consider for enforcement action:

1. REVISION OF PERMIT NEEDED - SEE COMMENTS.
2. SAMPLING INADEQUATE - SEE NEXT PAGE
3. ACID STORAGE FACILITY NEEDS SCRUTINY - SEE LAST PAGE.

Changes in 1975

Comments from survey

1 PLANT HAS THE FOLLOWING DISCHARGES TO THE STORM SEWER, THAT
ARE NOT COVERED IN THE PERMIT.

see 2 BOILER BLOWDOWN (INTERMITTENT).

see 3 SOFTENER BACKWASH. PLANT USES BRINE TO REGENERATE THE TWO ^{ION-EXCHANGE} SOFTENERS.

Storm 4 COOLING WATER FROM THE ^{SPOT} WELDING MACHINES

Storm 5 CONDENSATE FROM THE WATER/AIR HEAT EXCHANGER SERVING THE
AIR COOLED COMPRESSORS.

Outfall No. 13007 (001)

Yes No

Flow Measurement Equipment and Technique Adequate ☐ ☐

Plant's Method WATER METER READING

Sample Collection Equipment and Technique Adequate ☐ ☐

Plant's Method AUTOMATIC SAMPLER - NOT FLOW PROPORTIONAL. SAMPLE

~~REMARKS~~ DEPOSITED IN OPEN PLASTIC VESSEL. OIL & GREASE COLLECTED IN PLASTIC BOTTLE FROM THE COMPOSITE SAMPLE.

Oil Film or Sheen noticed at outfall during Survey ☐ ☒

Outfall No. 130130 (Cr BATCH)

yes

no

Flow Measurement Equipment and Technique Adequate ☒ ☐

Plant's Method TANK CAPACITY

Sample Collection Equipment and Technique Adequate ☒ ☐

Plant's Method _____

Remarks _____

Oil Film or Sheen noticed at outfall during Survey N.A. ☐ ☐

Outfall No. 130156 (CN-BATCH)

Flow Measurement Equipment and Technique Adequate ☐ ☐

Plant's Method TANK CAPACITY

Sample Collection Equipment and Technique Adequate ☐ ☒

Plant's Method Checks for chlorine residual but not for cyanide

I am not sure if this is correct or not.

Remarks _____

Oil Film or Sheen noticed at outfall during Survey N.A. ☐ ☐

Laboratory Analysis in accordance with permit procedure ☒ ☐

Remarks SPECTRONIC 20 USED FOR Cr, Zn, CN.

Are Laboratory Analysis being done at the Plant ☐ ☒ ☐

SOME

If not, what Laboratory is being used

ALBION COLLEGE FOR SS, Cr⁶⁺, Tot Cr, Cu, Pb, D.C.R.

If using outside Laboratory, are the samples being preserved correctly ☒ ☐

Remarks TESTED ON SAME DAY - NO PRESERVATION.

	Yes	No	
Pollution Incident Prevention Plan Submitted	<input type="checkbox"/>	<input type="checkbox"/>	RAY MARSHALL DOES NOT KNOW C. MATHEWS KNOWS BUT HE WAS ON SICK LEAVE
Certified Operator at Plant During Visit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Accidental Loss Prevention Appears Adequate			?

Remarks ON NORTHSIDE OF PLANT - E. PINE ST. - THERE ARE FOUR ABOVE
GROUND STORAGE TANKS FOR MURIATIC ACID & SULFURIC ACID.
THERE IS NO CURBING AROUND THE TANKS. PLANT SAYS DEEP BED OF LIMESTONE AROUND
 Personnel Contacted Knowledgeable about TANKS IS SUFFICIENT.

Persons to Call in Case of Spill	<input checked="" type="checkbox"/>	<input type="checkbox"/>
----------------------------------	-------------------------------------	--------------------------

Remarks PLANT HAS DISTRICT No.
CAVE CARDS OF LANSING HOTLINE TO LETZKE

Personnel Contacted Knowledgeable about NPDES Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

Remarks _____

Plant Records Available for Inspection	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

Looked at and Inspected Latest MOR at Plant	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

Was Latest MOR Correctly Prepared	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-----------------------------------	-------------------------------------	--------------------------

Was General Maintenance of Treatment Facility Adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

Remarks _____

Solid and Liquid Wastes Hauled From Plant	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

By Whom ① REUSE SERVICE INC., BATTLE CR. - VACUUM FILTER CAKE ONE DUMPSTER
LOAD/OK.

Are Adequate Records of Waste Haulage Being Kept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

② NELSON CHEMICAL DETROIT - ③ cyanide to treatment tank sludge
 ④ muriatic acid tank purges } in the hot dip
 ⑤ sulfuric acid " " } galvanizing
 section,

WATER RESOURCES COMMISSION
4056 Plainfield Avenue, N. E.
Grand Rapids, Michigan 49505

December 11, 1973

Mr. George Matthews
Vice President of Manufacturing
Union Steel Products
Albion, Michigan 49224

Dear Mr. Matthews:

In light of recent events, I would like to set forth the action I believe you should take to improve the disposal methods for the precipitated metallic sludges from your waste treatment operation. This improved operation would apply to the landfill area operated by Mr. Stevick, as well as any other approved site. The Stevick site, itself, was approved for your company's sludge disposal many years ago, prior to the adoption of Act 136, "the industrial waste hauling act." However, concern has been raised regarding improper management of this site.

As a result of Act 136, definite requirements and methods of operation have been established which apply to all sites used for the disposal of liquid industrial sludges. For instance, no wet sludges of any nature should be placed directly on the landfill in conjunction with normal solid waste. To our knowledge, you have adhered to this procedure.

In regard to disposal sites, the best demonstrated operating procedure calls for cells or defined earthen basins set aside to receive the treated sludges. The depth of sludge should seldom be allowed to exceed two feet. Under these conditions, the sludge can dewater and dry in a reasonable length of time. The dried sludge can then be removed and placed in a selected location in the landfill for burial. This procedure provides for a rotating sequence of cell use.

In addition to proper operating procedures, specific monitoring requirements of the ground water and of the material placed in the drying basins is required. It is necessary to assure that the pH of the liquid sludge is not less than 8.5, and that no type of liquid acidic wastes are allowed in the drying basins. This is to assure that redissolving of the heavy metals will not occur. Analyses of the sludges for specific heavy metals and cyanide will also be required. A series of monitoring wells should also be placed near the drying basins particularly in the direction of ground water movement, and a program of sampling and analyses established to pick up any changes in ground water quality.

Mr. George Matthews

-2-

December 11, 1973

Our field examination of the Stevick site you have been using for the past several years indicates it meets many of our requirements. The site is fairly well isolated, and is not likely to create ground water problems. However, closer control must be exercised if your company plans to continue to utilize this site. This could be done through a lease arrangement or other understanding with Mr. Stevick. You may want to haul your own wastes, or engage a licensed hauler to utilize your own specific area. I believe this could be accomplished very readily for your immediate needs in using the Stevick site. The above guidelines could be used later to help you select your own site for possible approval if this appears desirable. Future plans should also include the evaluation of additional sludge treatment at the plant site to produce a relatively dry compact sludge suitable for direct disposal at an approved landfill operation.

If it is decided to utilize the Stevick site for your current needs, you must submit a site plan and method of operation.

Very truly yours,

WATER RESOURCES COMMISSION

Chester Harvey,
Basin Engineer

RP/mc

cc: K. Zollner



MICHIGAN
DEPARTMENT
OF PUBLIC
HEALTH

Albert E. Housley, M.D.
Director

Bob C. Ragley

FILE - UNION STEEL PRODUCTS (Metal)

TO: Ralph Purdy - Water Resources Commission

RECEIVED

DATE: 9-13-66

File Union Steel Products

SEP 14 1966

FROM: Fred B. Kellow, Engineering Division

WATER RESOURCES
COMMISSION

SUBJECT:

MEMORANDUM

We have been informed by the Calhoun County Health Department that the Union Steel Products Company is desirous of disposing of what they reportedly call a nontoxic waste amounting to between 500 and 1,000 gallons per day which is a result of, apparently, a painting operation. I have been informed that the Water Resources Commission has requested a treatment facility for discharge from the plant and wondered whether or not you had any information concerning the resultant by-product which they wish to dispose of in one of our sanitary landfills. The Union Steel Products Company in Albion will be utilizing a private contractor's landfill and before final approval is granted to the operator we would appreciate some additional information concerning this waste.

FBK:gi

Fred
9/23/66 called George Matthews. They have 1/2 bbl/day of paint shavings from the work spray booth operations & approx 1,000 gals of sludges every 2 or 3 days from their plating waste treatment plant. The latter is 10% solids & 90% liquid.

I called Fred Kellow to relay this information. Matthews is planning to call Fred Kellow to obtain info on the dump regulations in the event they wish to develop their own dump site.

APC

Union Steel Products Co.
500 N. Berrien Street
Albion, Michigan 49224

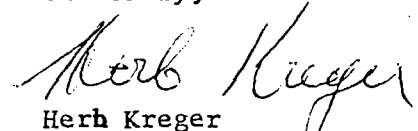
December 14, 1970

Mr. Chet Harvey, Distr. Engr.
WRC - Dept. of Conservation
4056 Plainfield, N. E.
Grand Rapids, Michigan 49505

Dear Mr. Harvey:

Enclosed is a letter to Mr. Robert Seiler
requesting him to ask for an extension of
his Liquid Industrial Waste Water License.
I am hoping that this will meet the
approval of your office.

Sincerely,



Herb Kreger
Manufacturing Superintendent

HCK:bb

Enclosure



UNION STEEL PRODUCTS COMPANY

ALBION, MICHIGAN 49224

December 14, 1970

Mr. Robert Seiler
Seiler Tank Truck Service
105 North Clark Street
Albion, Michigan 49224

Mr. Seiler:

This is in regard to the letter from Mr. Chester Harvey, Basin Engineer for the Water Resource Commission, informing you that it would not be permitted to dispose of our liquid waste in the Municipal dump and land fill site after 1970.

Upon receipt of your letter we immediately started to investigate some methods which would make our liquid waste acceptable to the Water Resource Commission for dumping in a land fill operation. Through the efforts of our Mr. Marshall and with the help of suggestions from Mr. Chester Harvey we feel that running our liquid waste through a Barrett centrifuge sold through Haviland of Grand Rapids, Michigan, we can have our liquid waste dry enough to be accepted for a land fill operation. The delivery of this equipment to our plant is normally from four to six weeks and I am sure it will take us two or three weeks to find the most efficient way to operate the equipment. We intend to work closely with Mr. Harvey's office until we meet the States requirements.

There is so little time left in 1970 we cannot meet the expiration date of your Liquid Industrial Waste Water License. We would like to suggest you ask Mr. Harvey for an extension of your license until April 1, 1971. I am enclosing an extra copy of this letter to you thinking you might wish to send one copy to Mr. Harvey. This will explain the reason for asking for an extension and also inform Mr. Harvey that we are working to improve on the April 1, 1971 date. I am hoping that this will enable you to receive an extension on your license and give us time to properly work out our problems to make our waste water acceptable to be used in a land fill operation.

Yours truly

Herb Kreger
Manufacturing Superintendent

HCK:bb

Figure 2 Eagle Pitcher Industries - Albion

All Outfalls No. 130017

Wastewater Treatment Flow Sheet

